Daily Diary Report by Bid Item

Contract No.: **04-0120F4**

Diary #: **591** **Const Calendar Day:** 1 **Date:** **05-Jun-2012** **Tuesday**
Inspector Name: **Bruce, Matt** **Title:** **Transportation Engineer**
Inspection Type: Intermittent
Shift Hours: 07:00 am 05:30 pm **Break:** 00:30 **Over Time:** 02:00
Federal ID:
Location:
Reviewer: **Schmitt, Alex** **Approved Date:** **Status:** Submit

04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge

Weather

Temperature **7 AM** 50 - 60 **12 PM** 60 - 70 **4PM** 50 - 60
Precipitation 0.00" **Condition** Partly overcast and windy in the afternoon

Working Day ☐ If no, explain:

Diary:

Dispute ☐

Work description.

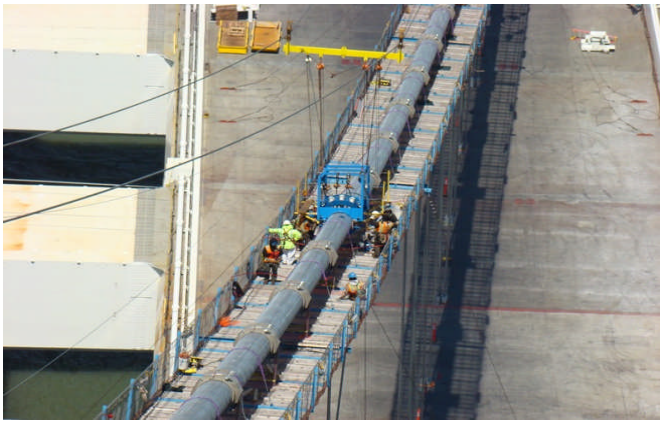
- Attended an informal internal meeting with Brian Boal, Warren Collins, Roman Granandos, Bob Brignano, and Tai-Lin Liu at 8:00am regarding the cable band bolt elongation measurements taken thus far with both the Mini-Max device and the Extensometer.

- Became familiar with the Trimble S8 total station and TSC3 data collector using existing SFOBB east span control points. District 4 surveyor Rick Erskine assisted with the learning process as his group and Caltrans surveys use Trimble total stations. The first practice survey was to occupy control point TIN3 and use 6203 as a backsight. Once the setup azimuth and distance was established then 3 rounds were shoot on control point 6204. The "measure rounds" function is necessary for establishing new control or working points. Once this practice survey was completed myself and Rick analyzed the results in Trimble Business Center.

The next practice survey with the Trimble S8 was to test the accuracy of the EDM and Long Range Lock over a great distance. The total station was set on control point WP306 (YBI) and a series of shoots were taken on control point MOLE (Oakland). The total station performed as expected and yielded results that have been achieved historically.

- Talked to Steve Kala who schedules the District 4 scanner units. We confirmed the field meeting for June 13th, Nelson Aguilar and Paul Rogers also going to attend. The scope of the upcoming scanning surveys of the SAS was discussed and using a mobile scanner as well. To reiterate, the intent of the meeting is to plan for scanning the SAS bridge before and after load transfer.

Attachment



Suspender installation over cable band on the South Mainspan.

Suspender installation over cable band 38S on the South Sidespan.